

Center for Exoplanet Science Seminar Series

Date & Time: Monday, 9 June 2008 at 12:00 noon
Coffee & Cookies @ 11:45 a.m.

Place: JPL building 169-336

Speaker: Eugene Serabyn, JPL

Title: “Detection of excess mid-infrared emission very close to Vega with the Keck Interferometer Nuller”

Abstract: The Keck Interferometer Nuller (KIN) was developed to search for faint exozodiacal emission around nearby stars. During the now-completed shared-risk phase, several stars were observed with the KIN, and one of our first results is the detection of excess emission around Vega. The measurement and implications of Vega's excess will be discussed. The implied distribution of exozodiacal dust in the Vega system seems to be quite different from that in our own solar system.